Fiscal Year (FY) 2013 Budget Estimates

AIR FORCE RESERVE



FY 2013 MILITARY CONSTRUCTION PROGRAM

February 2012

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2013

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DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 2013 MILITARY CONSTRUCTION PROJECTS LIST

		AUTH OF		DD FORM
STATE/		APPROP	APPROP	1391
<u>COUNTRY</u>	INSTALLATION AND PROJECT	AMOUNT	AMOUNT	PAGE #
New York	Niagara Falls ARS			
	C-130H Flight Simulator Facility	<u>6,100</u>	<u>6,100</u>	2

GRAND TOTAL	10,979	10,979
Planning & Design	2,879	2,879
Unspecified Minor Construction	2,000	2,000
TOTAL IN THE UNITED STATES	6,100	6,100
SUBTOTAL	6,100	6,100

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 2013 MILITARY CONSTRUCTION PROJECTS NEW/CURRENT MISSION, ENVIRONMENTAL LIST

			NEW, CURRENT	
LOCATION	<u>PROJECT</u>	<u>COST</u>	<u>ENVIR</u>	<u>FOOTPRINT</u>
New York	Niagara Falls ARS C-130H Flight Simulator Facility	<u>6,100</u>	New	New

TOTAL	6,100
SUBTOTALS:	
New Mission	6,100
Current Mission	0
Environmental	0
Unspecified Minor Construction	2,000
Planning & Design	<u>2,879</u>
FY 2013 APPROPRIATIONS TOTAL:	10,979

SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM

MAJOR CONSTRUCTION

FY 2013 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2013.

BUDGET APPENDIX EXTRACT

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM

FY 2013 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, \$10,979,000 to remain available until September 30, 2017.

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long-term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 900-400, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the project's DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/nonflying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Congressional Reporting Requirements

Page iii, titled "New/Current Mission, Environmental List," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1391 AND DD FORMS 1390

1. COMPONENT FY 20)13 MILITARY CON	STRU	CTION	PROJE	CT I	DATA	2. DATE
AIR FORCE RESERVE							FEB 2012
3. INSTALLATION AND LO	CATION		4. PROJEC	T TITLE			•
	ESERVE STATION, NEW			SIMULAT	OR F	ACILITY	
YORK							
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	JECT NUM	IBER	8. F	PROJECT (COST (\$000)
	171 010					.	100
52576F	171-212		VKQ 09-9	9095		\$6	,100
	9. COS1	F ESTIM.	ATE	1			
	ITEM		U/M	QUANTI	ITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							4,646
FLIGHT SIMULATOR FA			SM	1,	,051	4,281	(4,499)
INTERIOR COMMUNICA	ATIONS SUPPORT		LS				(56)
SDD&EPAct05							(91)
SUPPORTING FACILITIES UTILITIES			LS				828 (260)
PAVEMENTS			LS				(195)
SITE IMPROVEMENTS			LS				(208)
EXTERIOR COMMUNIC	CATIONS SUPPORT		LS				(165)
SUBTOTAL							5,474
CONTINGENCY (5.0%)							274
TOTAL CONTRACT COST							5,748
	ON AND OVERHEAD (5.7%))					328
TOTAL REQUEST							6,076
TOTAL REQUEST (ROUND	JED)						6,100
EQUIPMENT FROM OTHE	RAPPROPRIATIONS						555
-	ROPOSED CONSTRUCTI	$ON \cdot Cc$	nstruct a r	new Flight	Sim	lator facil	
	onry walls, concrete founda						
	hanical and electrical system						
	Facility will accommodate						
structural, electrical, and H							
	Green Building Council (US						
(LEED) rating of Silver.	Air Conditioning: 35 Tons	,		0.			C
11. REQUIREMENT: 1,	051 SM ADEQU	JATE:	0 SM	SUB	STAN	NDARD:	0 SM
PROJECT: Flight Simula	tor Facility (Current Missio	n)					
<u>REQUIREMENT</u> : A fligh	t simulator is required for C	C-130 aii	rcraft train	ing. Func	tional	l areas incl	lude pilot
briefing rooms, administrat	tive office areas, classroom	s, equipi	ment and r	naintenanc	e roo	oms, comn	nunications
room, mechanical and elec	trical utility rooms.						
	The AFRC has established						
	RS has been selected as the			-			
	l by AMC in FY13. Currer			cilities ava	ailabl	e to accom	nmodate
	of a flight simulator at Niag						
IMPACT IF NOT PROVIDED. Pilots will not be able to receive flight simulator certification without travelling							
to the Western Region Simulator Training Facility located at Minneapolis-St Paul. There will be a direct							
negative impact on training, pilot qualification, and mission capability of aircrews located in the Eastern Region.							
Equipment scheduled to arrive in support of the Regional Flight Simulator will not be installed or operational in a timely manner, thus increasing costs and reducing mission effectiveness. Opportunities to effectively establish							
•	e e			· ·			•
	on training will be delayed						
	DRK: 1,051 SM = 11,312 S						
	rior Design shall be provide		•		naing	irom othe	r
	55K for furnishings and cor		-	-			a alli4a a a .
	<u>TION</u> : This facility serves a	•	se airfield,	but is a ho	ost ins	stallation f	acility project
and is programmed for full	funding by the Air Force R						

1. COMPONENT				2. DATE	
AIR FORCE	FY 2013 MILIT	ARY CONSTRUCT	ION PROJECT DA		010
RESERVE				FEB 2	012
3. INSTALLATION AN					
NIAGARA FALLS	AIR RESERVE ST	ATION, NEW YORK		. PROJECT NUMBE	D
4. PROJECT IIIEE			5	. FROJECT NOMBE	N
FLIGHT SIMULAT	OR FACILITY			RVKQ 09-90	95
12. <u>SUPPLEMEN</u>	ITAL DATA:				
A. DESIGN DAT	A (Estimated)				
1. STATUS					
a. Date D	esign Started:			Nov 202	11
b. Parame	etric estimates have	e been used to develo	op project cost.		
c. Percent	tage Complete as o	of January 1, 2012		0%	
d. Date D	esign 35% Compl	ete		Mar 201	12
e. Date D	esign Complete -	(If design-build, con	struction complete) Jul 201	2
2. BASIS					
		esign - Yes No_2 Recently UsedN			
3. COST (To	tal) = c = a + b or	d + e		(\$000)	
b. All Ot c. Total d. Contra	ction of Plans and her Design Costs (act (A-E) ise (management)	Specifications (35% (Design-build)	design)	$(\) \\ (\) \\ (_549) \\ (_524) \\ (_25)$	
4. CONSTRU	JCTION START			Nov 2012	
-	ASSOCIATED W OPRIATIONS:	ITH THIS PROJEC		E PROVIDED F	ROM
г ·	~~ t	Descrit	Fiscal Year	~	4
Equipm		Procuring Appropriation	Appropriated		
<u>Nomencla</u> Systems Fu		<u>Appropriation</u> 3740	Or Requested FY 2014	<u>. (\$00</u> 392	
Interior Design		3740	FY 2014	27	
Communications		3740	FY 2014	136	
	· ·				

1. COMPONENT	FY 2013 GUARD	AND RESERV	E	2. DATE	
AIR FORCE	MILITARY CO				D 0010
RESERVE					B 2012
3. INSTALLATION	I AND LOCATION				
NIAGARA FALLS AIR RESERVE STATION, NEW YORK					1.10
5. FREQUENCY A	AND TYPE UTILIZATION			1	
	g assembly per month, 15 days a	nnual field traini	ng per year, da	ily use b	У
technician/AGR	R force and tenant aviation units.				
	E/GUARD/RESERVE INSTALLATIONS	WITHIN 15 MILE R	ADIUS		
None					
7. PROJECTS REG	QUESTED IN THIS PROGRAM				
CATEGORY		SCOPE			
<u>CODE</u> 171-212 Fli	PROJECT TITLE ight Simulator Facility	<u>scope</u> 1,051 SM		r <u>art</u> 7 2011	COMPLETE Jul 2012
1/1 212 11	gitt Simulator Facility	1,001 0101	0,100 110,	2011	Jui 2012
8. STATE RESER	VE FORCES FACILITIES BOARD REC	OMMENDATION			
	fied in Item 6 have been examine	•	eserve Forces F	Facilities	Board and
	ilateral construction (13 Jan12).				
9. LAND ACQUIS				(Number	of Acres)
	NONE	_			
10. PROJECTS PI	LANNED IN NEXT FOUR YEARS				
CATEGORY				COST	
CODE	PROJECT TITLE	<u>s</u>	COPE	<u>(\$000)</u>	YEAR
	None				
RPM BACKLOG A	T THIS INSTALLATION (\$000):				
\$55,941					

1. COMPONENT		FY 201	3 GUARD	AND RE	CSERVE		2. DATE		
AIR FORCE MILITARY CONSTRUCTION							-		
RESERVE 3. INSTALLATION AND LOCATION							FEB 2012		
NIAGARA FALI				W YORK					
	<u>TOTAL</u>	NENT (ARTs OFFICER	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	OF	SERVE FICER	ENLISTED	
AUTHORIZED	421	28	195	198	1,246		205	1,041	
ACTUAL	377	27	175	175	1,359		224	1,135	
12. RESERVE UN	IT DATA								
						STRE	NGTH		
	T DESIGN/				AUTHORIZED			<u>ACTUAL</u>	
	4 Airlift W				53			57	
	Operations				26 37			24 37	
	rations Sup Airlift Squ				117			37 97	
914 Aeromed			on		68			84	
	laintenance				14			14	
914 Ma	aintenance S	Squadron			167			195	
		nce Squadron			60			57	
		rations Flight			19			18	
	ssion Suppo				7			6	
	il Engineer 1rity Forces				101 112			114 137	
	ce Support				67			86	
		ess Squadron			70			85	
		s Squadron			36			43	
	erial Port Sc				128			137	
914 Aerom	edical Stag	ing Squadron		1	164			168	
				Total	1,246			1,359	
13. MAJOR EQUIP	PMENT AN	D AIRCRAFT							
		TYPE			AUTHORIZED			ASSIGNED	
	C	C-130H			12			12	
DD Form 1390	S/2							5	

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2013

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$2,000,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$2,000,000.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

1. COMPONENT	FY 2	010 MILITARY CONS	STRU	CTI	ON PI	ROJE	CT DA	ATA	2.	DATE	
AIR FORCE											
RESERVE							FEB 2012				
3. INSTALLATION AND LOCATION 4.				4. F	. PROJECT TITLE						
VARIOUS LOCATIONS				UN	UNSPECIFIED MINOR CONSTRUCTION						
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PF	ROJE	ECT NUMBER 8. PROJECT COST (\$000)						
52576F		962-000	г	PAYZ 130341 2,000			0				
525701		9. COS				1		4	2,00	0	
			0					UNIT	•	COST	
		ITEM			U/M	QUA	VTITY	COST	Г	(\$000)	
UNSPECIFIED	MINOF	R CONSTRUCTION			LS	-		-		<u>2,000</u>	
SUBTOTAL										2,000	
TOTAL CONTI	RACT C	COST								2,000	
TOTAL REQU	EST									2,000	
	<u> </u>									L	
10. Description of	of Propo	sed Construction:									

11. REQUIREMENT: As required.

PROJECT: Unspecified Minor Construction

<u>REQUIREMENT</u>: This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$2,000,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY13. <u>IMPACT IF NOT PROVIDED</u>: No means to accomplish exigent projects costing less than \$2,000,000 will exist, severely degrading the ability of the Air Force Reserve to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.

PLANNING AND DESIGN

1. COMPONENT	FY	2010 MILITARY CONS	TRUC	ΓΙΟ	N PRC	JECI	DATA	1	2. D	ATE
AIR FORCE								_		
RESERVE							FEB 2012			
3. INSTALLATION	3. INSTALLATION AND LOCATION 4. F				ROJEC	T TITL	E			
VARIOUS LOCA					ANNING AND DESIGN					
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PR0	OJE	CT NUMBER 8. PROJECT COST (\$000)					ST (\$000)
52576F		961-000	D	ΔV7	2 1 3 0 3 1	3			2,87	0
525701						5			2,87	9
		3. 000			.0			UN	IIT	COST
		ITEM			U/M	QUAI	ΝΤΙΤΥ	CO	ST	(\$000)
PLANNING AN	VD DES	IGN			LS	-		-		2,879
SUBTOTAL										2,879
TOTAL CONT	RACT C	COST								2,879
TOTAL REQU										2,879
IOINE REQUEST									_,	
10. Description	of Prop	osed Construction:					•			

11. **REQUIREMENT:** As required.

PROJECT: Planning and Design.

<u>REQUIREMENT</u>: Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission beddown projects that received no previous planning and design funds. It is essential the AFR be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.

<u>IMPACT IF NOT PROVIDED</u>: Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.

FUTURE YEARS DEFENSE PROGRAM

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (\$000)

FY	State	e Base	Project	Туре	Footprint	PA
14	GA	Robins AFB	Consolidate AFRC, Phase 1	Current Mission	New	27,700
14	CA	March ARB	Joint Regional Deployment Processing Center, Phase 1	Current Mission	New	16,900
14	FL	Homestead ARB	Entry Control Complex	Current Mission	New	9,800
				Total Projects		54,400
				Planning and Design		5,500
				Unspecified MC		2,000
				Total FY14 Program		61,900
15	GA	Robins AFB	Consolidate AFRC, Phase 2	Current Mission	New	35,500
15	OK	Tinker AFB	Air Control Group Squadron Operations	Current Mission	New	12,200
15	SC	Charleston AFB	Airlift Control Flight	Current Mission	New	7,700
				Total Projects		55,400
				Planning and Design		7,496
				Unspecified MC		2,000
				Total FY15 Program		64,896
16	GA	Robins AFB	Consolidate AFRC, Phase 3	Current Mission	New	37,000
16	MA	Westover ARB	Maintenance Shop Complex	Current Mission	New	32,000
16	TX	Lackland AFB	Medical Training Annex to Clinic	Current Mission	New	9,900
16	UT	Hill AFB	Fire Station Annex	Current Mission	New	1,200
				Total Projects		80,100
				Planning and Design		6,179
				Unspecified MC		4,000
				Total FY16 Program		90,279
17	NC	Seymour Johnson AFB	Tanker Parking Apron Expansion	Current Mission	New	10,000
17	OH	Youngstown ARS	Indoor Small Arms Firing Range	Current Mission	New	9,400
17	AL	Maxwell AFB	Aircraft Parking Apron	Current Mission	New	10,000
17	IN	Grissom ARB	Add/Alter Maintenance Hangar	Current Mission	New	11,300
				Total Projects		40,700
				Planning and Design		5,697
				Unspecified MC		2,000
				Total FY17 Program		48,397